

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[AHS 0122]

**JANUARY 2022  
(OCTOBER 2021 EXAM SESSION)**

**Sub. Code: 2214**

**M.Sc. RESPIRATORY THERAPY  
SECOND YEAR (From 2019-2020 onwards)  
PAPER IV-NEONATAL AND PAEDIATRIC RESPIRATORY CARE  
*Q.P. Code : 282214***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on: (2 x 20 = 40)**

1. Elaborate in detail about weaning criteria and strategies, and various weaning modes in paediatric age group.
2. Elaborate in detail about Oxygen therapy and Oxygen flow devices and its Advantage and Disadvantage in paediatric age group.

**II. Write Short Notes on: (10x6 = 60)**

1. Assessment of Oxygenation and Ventilation in neonates.
2. Ventricular septal defect.
3. Cystic Fibrosis.
4. Normal Fetal Development.
5. Indications of mechanical ventilation.
6. Aerosol therapy.
7. Abdominal wall defects.
8. Secretion clearance techniques.
9. Type II Respiratory Failure.
10. Transient Tachypnea of New Born (TTN).

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